

GORCHAKOVSKIY, P. (L.)

Mbr., Ural Institute of Forest Technology, Sverdlovsk (-1947-)

"The Relic Character of Some Locations of the Larix Sibirica Lebd. in Southern Priob'e,"  
Dok. AN, 57, No. 1, 1947

GORCHAKOVSKIY, P. L.

Gorchakovskiy, P. L. - "Fruit-bearing in fir stands", Sbornik nauch. trudov (Ural'skiy lesotekhn. in-t), Moscow-Leningrad, 1948, p.32-43

SO: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

PA 47/49T5

GORCHAKOVSKIY, P. L.

USSR/Agriculture  
Trees

Jan 49

"Cedar in the South Urals," P. L. Gorchakovskiy,  
2 pp

"Priroda" No 1

In 1947, author discovered cedar trees growing  
in Southern Urals in the region of Lake Turgoyak,  
considerably south of the border established  
for Siberian cedar by P. N. Krylov in 1891.

47/49T5

GORCHAKOVSKIY, P. (L.)

Gorchakovskiy, P. "Siberian forest and forest-steppe birch groves of the Ob' River region," (A bontanic-geographic outline), Sbornik trudov po les. khoz-vu, Issue 1, 1949, p. 62-100, - Bibliog: 65 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

GORCHAKOVSKIY, P. L.

33078

Sosnovye lesa Priob, Ye Kak zonal, noe Botaniko- Geograficheskoe Yavlenie. Botan. Zhurnal. 1949, No. 5, c. 524-38- Bibliogr: c 538

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

GORCHAKOVSKIY. P. (L.)

33931. Dyentyezhskii Kamen. (Gos. Zapovednik Na Srednyem Uralye). Vokrug Svyeta, 1949, No 10, C. 48-50.

SO: Letopis' Zhurnal'nykh Statey, Vol. 46, Moskva, 1949.

GORCHAKOVSKIY, P. L.

Paleobotany

Flora relics in lime outcrops along the banks of the rivers Ivdel' and Toshemka in the Northern Ural., Dokl. AN SSSR, 81, no. 4, 1951.

Ural'skiy Lesotekhnicheskii Institut  
recd. 9 Aug. 1951

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

GORCHAKOVSKIY, P. L.

"High-Mountain Meadows of the Ural (Mountains)," Nature, 2nd Printing House of the  
Publ. Co. of the AS USSR Moscow, No. 4, 1952.



GORCHAKOVSKIY, P. I.

Soil Conservation

Significance of the Ural mountain forests for water storage and soil conservation.  
Les. khoz. 5 no. 4 (43) (1952)

9. Monthly List of Russian Accessions, Library of Congress, August 1952, 2 Uncl.

GORCHAKOVSKIY, P.L.

Water Supply

Significance of the Ural mountain forests for water storage and soil conservation. Les knoz.  
5 No. 5 (43) 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1953<sup>2</sup> Uncl.

GOLCHAKOVSKIY, P. L.

USSR 600

Pastures

High altitude meadows of the Urals. Priroda 41 No . 4, 1952

9. Monthly List of Russian Accessions, Library of Congress, July 195~~7~~, Uncl.  
2

GROMANOVSKIY, P. L.

"Vegetation of the Upper Regions of the Ural Mountains. Alpine Forests and Their Interrelation with Other Types of Vegetation." Dr Biol Sci, Forestry Inst, Acad Sci USSR, Sverdlovsk, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

GORCHAKOVSKIY, P.I.

High-altitude plants of Yaman-Tau, the highest peak of the  
Southern Urals. Bot. zhur. 39 no.6:827-841 N-D '54. (MIRA 8:2)  
(Yaman-Tau--Alpine flora)

GORCHAKOVSKIY, P.L., doktor biolog. nauk, prof.

Vegetation of the mountain tundras of the Urals. Zap. Ural otd.  
Geog. ob-va SSSR no.2:39-158 '55. (MIRA 16:12)

*Gorchakovskiy, P.L.*

USSR/Forestry - Biology and Forest Typology.

J-2

Abs Jour : Referat Zhur - Biologiya, No 16, 25 Aug 1957, 69085

Author : Gorchakovskiy, P.L.

Inst :

Title : The Most Important Types of Mountainous Firry and Pine Woods in the Southern Part of the Middle Urals.

Orig Pub : Sb. tr. po les. kh-vu. Uralskiy pesotekhn. in-t, 1956, No 3, 7-50

Abstract : The largest area in the southern part of the Middle Urals is taken up by pine and fir groves. The most important types of firry groves industrially (predominately *Picea obovata* Lsb) are acidy-grassy fir, large ferny fir and horsetail fir. The first type prevails on the lower part of the slopes with rich, sufficiently humid soils. Wood stands in the main consist of fir with an admixture of *Abies sibirica* Ldb. Its companions are the linden tree and fluffy birch, the admixture of which reaches 0.1 to

Card 1/3

- 8 -

USSR/Forestry - Biology and Forest Typology.

J-2

Abs Jour : Referat Zhur - Biologiya, No 16, 25 Aug 1957, 69085

0.2 of the total reserve. Large ferny fir is found on lower parts of slanting slopes and in abundantly humid low spots. In the complex are found-- Siberian fir, silvery fir, fluffy birch and *Tilia cordata* Mill. Accompanying these are also fir, which constitutes 0.2 - 0.5 of the total supply. Birches and linden trees appear singly. These are the III bonitet plantings. The cover background is *Dryopteris austriaca*. The horsetail fir prevails in lower marchland localities. In wood stands fir predominates; and admixture of silvery-fir does not exceed 0.3 of the total supply of bonitet IV. The most important industrially are whortleberry-pine, cranberry-willow pine, eagle pine and grassy pine. The first one occupies the lower and middle parts of slopes with abundantly humidified soils. The plantings consist of pines with an admixture of fluffy birches, Siberian silvery-fir, Siberian fir and Sukachev larch. The cranberry-willow

Card 2/3

- 9 -



USSR/Forestry - Biology and Forest Typology.

J-2

Abs Jour : Referat Zhur - Biologiya, No 16, 25 Aug 1957, 69085

pine prevails at the summits of knolls and hills and on slopes with a steepness up to 15-20°. The plantings are pure pine, an occasional admixture of warty birch, and sometimes Sukachev larch. In the tiers of bushes the willow prevails. The eagle pine occupies the higher plains and steep slopes. The wood stands are pure pine or with an admixture of warty birch, Sukachev larch, Siberian fir and silvery fir. The natural renewal in acid-grass fir is good, in horsetail fir is satisfactory. The self-renewal is excellent in cranberry-willow pines, satisfactory in whortleberry pine and poor in eagle and grassy pine.

Card 3/3

- 10 -

GORCHAKOVSKIY, P.L.

"Phytogeographical investigations in the southern part of the Polar Urals." E.L.Liubimova. Reviewed by P.L.Gorchakovskii. Bot. zhur.41 no.4:588-591 Ap '56. (MLRA 9:9)

1.Ural'skiy lesotekhnicheskii institut, g.Sverdlovsk.  
(Ural Mountain region--Phytogeography)

GORCHAKOVSKIY, P.L.

Alpine vegetation of the Chistop Range in the northern Urals.  
Zemlevedenie 4:118-141 '57. (MIRA 10:9)  
(Chistop Range--Alpine flora)

GORCHAKOVSKIY, P.L. (Sverdlovsk)

In the Sverdlovsk Section of the All-Union Botanical Society.  
Bot.zhur. 42 no.10:1574-1575 0 '57. (MIRA 10:10)  
(Ural Mountain region--Botanical research)

GORCHAKOVSKIY, P.L.; PROKAYEV, V.I.

Organization of the Ural Branch of the Geographic Society of the  
U.S.S.R. Izv.Vses.geog.ob-va 89 no.1:85-87 Ja-F '57. (MIRA 10:3)  
(Geographical societies)

GORCHAKOVSKIY, P.L.

Vegetation of the Sablya Range in the Polar Urals. Rast. Krain.  
Sev. SSSR i ee osv. no.3:95-127 '58. (MIRA 11:10)  
(Sablya Range--Mountain ecology)

GORCHAKOVSKIY, P.L.

New method of studying the dynamics of seed crops in conifers.  
Bot.zhur. 43 no.10:1445-1459 0 '58. (MIRA 11:11)

1. Ural'skiy lesotekhnicheskiy institut, Sverdlovsk.  
(Coniferae) (Seeds)

GORCHAKOVSKIY, P. L.

"The Endemic and Relic Elements in the Flora of the Urals and Their Origin."

report submitted but not presented at the Intl. Botanical Congress, Montreal, Canada,  
19-29 Aug 1959.

Biological Institute, Ural Branch of Academy of Sciences, USSR.



GORCHAKOVSKIY, P.L.; KOLESNIKOV, B.P.

"Vegetation of Sverdlovsk Province." Vol.1 by K.K.Poluiakhtov. Reviewed by P.L.Gorchakovskii, B.P.Kolesnikov. Bot.zhur. 44 no.12:1764-1769 D '59. (MIRA 13:4)

1. Institut biologii Ural'skogo filiala Akademii nauk SSSR, Sverdlovsk.

(Sverdlovsk Province--Plant communities)  
(Poluiakhtov, K.K.)

STOROZHEVA, Mariya Mikhaylovna; GORCHAKOVSKIY, P.L., prof., doktor  
biolog.nauk. otv.red.; ARDASENOVA, L.P., red.izd-va; SEREDKINA,  
N.F., tekhn.red.

[Materials on the characteristics of bogs of the eastern slope  
of the Northern Urals and the Trans-Ural region] Materialy  
k kharakteristike bolot vostochnogo sklona Severnogo Urala i  
Zaural'ia. Sverdlovsk, 1960. 53 p. (Akademiia nauk SSSR.  
Ural'skii filial, Sverdlovsk. Institut biologii. Trudy,  
no. 20) (MIRA 14:2)

(Ural Mountain Region--Peat bogs)  
(Siberia, Western--Peat bogs)

GORCHAKOVSKIY, P.L., prof., doktor biologicheskikh nauk

Conservation of relict plants and unique plant associations in  
the Urals. Okhr. prir. na Urale no.1:79-85 '60. (MIRA 14:4)  
(Ural Mountain region--Plants, Protection of)

GORCHAKOVSKIY, P.I.

Division of alpine areas of the Urals into geobotanical regions.  
Probl. bot. 5:32-46 '60. (MIRA 13:10)

1. Ural'skiy lesotekhnicheskiy institut, Sverdlovsk.  
(Ural Mountains--Phytogeography)

GORCHAKOVSKIY, P.L.

Discussion of problems in plant classification at the conference  
in Sverdlovsk. Bot. zhur. 45 no.4:630-634 Ap '60. (MIRA 14:5)

1. Institut biologii Ural'skogo filiala AN SSSR, g. Sverdlovsk.  
(Botany--Classification--Congresses)

GORCHAKOVSKIY, P.L.

Onisim Egorovich Kler, explorer of the flora of the Urals (Feb. 25, 1845-Jan. 18, 1920). Bot. zhur. 45 no.9:1386-1389 S '60.

(MIRA 13:9)

1. Institut biologii Ural'skogo filiala Akademii nauk SSSR, g. Sverdlovsk.  
(Kler, Onisim Egorovich, 1845-1920)

GORCHAKOVSKIY, P.I.

Study of the vegetation of mountain oak and maple forests  
of the Urals at the northeastern limit of their distribu-  
tion (Asha District, Chelyabinsk Province). Zap. Sverd.  
otd. VBO no.2:3-31 '62. (MIRA 16:8)

GORCHAKOVSKIY, P.L.

"Dominant plants in the vegetation of the Soviet Union" by B.A.  
Bykov. Vol.1. Reviewed by P. L. Gorchakovskii. Bot. zhur. 46  
no.3:455-457 Mr '61. (MIRA 14:3)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk  
(Phytosociology)  
(Bykov, B.A.)



ARKHIPOVA, N.P.; GORCHAKOVSKIY, P.L.

Characteristics of the distribution of vegetation as  
related to the relief in the Tobol Valley at the southern  
boundary of the wooded steppes. Zap. Sverd. otd. VBO no.2:  
107-114 '62. (MIRA 16:8)

GORCHAKOVSKIY, P.L.

"Manual for the identification of trees and shrubs in a  
leafless state" by A.L. Novikov. Reviewed by P.L. Gorchakovskii.  
Zap. Sverd. otd. VBO no.2:145-149 '62. (MIRA 16:8)

GORCHAKOVSKIY, P.L., prof., doktor biolog.nauk

Endemic plants of the Urals and problems of their conservation.  
Okhr.prir.na Urale no.3:85-98 '62. (MIRA 16:6)  
(Ural Mountains--Plants, Protection of)

GORCHAKOVSKIY, P.L.

Limits of the distribution of the European white elm (*Ulmus laevis*  
Pall.) in the Urals and the relict fragment of its range in Western  
Siberia. Probl. bot. 6:27-38 '62. (MIRA 16:5)  
(Ural Mountains—Elm) (Siberia, Western—Elm)

GORCHIAKOVSKIY, P.L.

S.I. Korzhinskii and some problems in the phytogeography of the  
Urals. Bot. zhur. 47 no.6:886-889 Je '62. (MIRA 15:7)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.  
(Korzhinskii, Sergei Ivanovich, 1861-1900)  
(Ural Mountains--Phytogeography)

GORCHAKOVSKIY, P.L.; KOLESNIKOV, B.P.

"Materials on higher plants of Chelyabinsk Province" by K.G. Malutin. Reviewed by P.L. Gorchakovskii, B.P. Kolesnikov. Bot. zhur. 47 no.8:1214-1217 Ag '62. (MIRA 15:10)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.  
(Chelyabinsk Province--Botany)  
(Malutin, K.G.)

GORCHAKOVSKIY, P.L.

Geography, ecology, and history of the formation of the range of  
heather. Bot. zhur. 47 no.9:1244-1257 S '62. (MIRA 16:5)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.  
(Heather) (Phytogeography)

GORCHAKOVSKIY, P.L.; MOKRONOSOV, A.T.

Activities of the Sverdlovsk branch of the All-Union Botanical Society  
in 1957-1962. Bot.zhur. 48 no.2:308-309 F '63. (MIRA 16:4)

1. Institut biologii Ural'skogo filiala AN SSSR i Ural'skiy  
gosudarstvennyy universitet.  
(Sverdlovsk--Botanical societies)



GORCHAKOVSKIY, P.L.; KOLESNIKOV, B.P.

Scientific conference on the ecology and physiology of woody plants of the Urals held on March 4-6, 1963. Bot. zhur. 48 no.8:1242-1244 Ag '63. (MIRA 16:10)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.  
(Ural Mountains—Woody plants)

GORCHAKOVSKIY, P.L.

"Fundamentals of the study of the ranges of plants; introduction to the chorology of plants" by A.I. Tolmachev.

Reviewed by P.L. Gorchakovskii. Bot. zhur. 48 no.9:1398-1400 S '63. (MIRA 16:11)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.

GORCHAKOVSKIY, P. L.

"The influence of the Quaternary glaciation on the flora of the Urals (TAX)."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

Ural Branch, AS, Sverdlovsk.

GORCHAKOVSKIY, P.L.

Relict occurrence of small-leaved linden in the forest-steppe of the Tobol-Ishim interfluvium and the genesis of the Siberian extension of its range. Bot. zhur. 49 no.1:7-20 Ja '64. (MIRA 17:2)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.

GORCHAKOVSKIY, P.I.; KOLESNIKOV, B.P.

Distribution of savin (*Juniperus sabina* L.) in the southern Urals.  
Bot.zhur. 49 no.10:1496-1501 0 '64. (MIRA 18:1)

1. Institut biologii Ural'skogo filiala AN SSSR, g. Sverdlovsk.

GORCHAKOVSKIY, P.L.

Name of the Narodnaya Mountain, the highest peak of the Urals.  
Izv.Vses.geog.ob-va 95 no.1:83 Ja-F '63. (MIRA 16:4)  
(Narodnaya Mountain) (Names, Geographical)

GORCHAKOVSKIY, I.L.; ARKHINOVA, N.F.

Vegetation of the outcrops of granite diorite and other rocks  
on the eastern slope of the Central Urals. Zap. Sverd. otd. VBO  
no.3:29-49 '64 (MIRA 18:2)

MAMAYEV, Stanislav Aleksandrovich; OPREDELITEL' DREV'EV I KUSTARNIKOV URALA, P.l., 61. s. 194.

[Key for the identification of trees and shrubs of the Urals; local and introduced species.] Opredelitel' drev'ev i kustarnikov Urala; mestnykh i introdutsirovannykh vidov. Sverdlovsk, 116 p. (Akademiia nauk SSSR. Ural'skii filial, Institut biologii Trudy, no.41) (MIRA 18:7)



GORCHAKOVSKIY, P.L.

Vasilii Sergeevich Govorukhin, 1903-; on his 60th birthday.  
Bot.zhur. 50 no.2:277-280 F '65.

(MIRA 18:12)  
1. Institut biologii Ural'skogo filiala AN SSSR, g.  
Sverdlovsk. Submitted February 24, 1964.

GORCHAKOVSKIY, P.L.

Excursion to Ben Lovers National Preserve. Bot. zhur. 50 no.6:895-898  
Je '65. (MIRA 18:7)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.

GORCHAKOVSKIY, P.L.

Discussing the problems of phytogeography at the 10th International Botanical Congress. Bot. zhur. 50 no.5:734-737 My '65.  
(MIRA 18:10)

1. Institut biologii Ural'skogo filiala AN SSSR, Sverdlovsk.

GORCHAKOVSKIY, P.L.

Correlation between horizontal zones and vertical belts of  
vegetation as exemplified by the Urals and the adjacent plains.  
Trudy Inst. biol. AN UFAN SSSR 42:3-32 '65.

(MIRA 19:2)

GORCHAKOVSKIY, P.L.

Ecological differentiation of woody plants in the European  
hardwood forest complex at the eastern border of their  
range. Trudy Inst. biol. UFAN SSSR no. 43:219-224 ' 65

1. Institut biologii Ural'skogo filiala AN SSSR.

GORCHANINOV, S. G. Docent

PA 20/49T1

USSR/Academy of Sciences  
Engineering

Doc 48

"Dissertations in the Competition for Degrees of  
Doctor of Technical Sciences (1936-1947)," Docent  
S. G. Gorchaninov, Cand Tech Sci, 3 pp

"Elektrichestvo" No 12

Summaries of 23 dissertations of subject period which  
form the first supplement to the list of dissertations  
on electrical engineering published in "Elektri-  
chestvo" No 12, 1947.

20/49T1

ALEESEYEV, D.G.; VEYNOV, K.A.; GORCHENKOV, S.G.; GUREVICH, S.B.; DITKOVSKIY, A.S.; KAMKOV, G.I.; MORGEN, D.I.; PROKHORCHUK, I.S.; RUMYANTSEV, N.M.; UCHASTKINA, Z.V.; SHISHOV, I.A.; MOLOZHAVYY, M.M., red.; NIKOLAYEV, N.N., red.; KHISTYAKOV, N.N., red.; KHUDYAKOVA, A.V., red.; MOROZOV, Yu.V., red.izd-va; BACHURINA, A.M., tekhn.red.

[Soviet paper industry, 1917-1957] Bumazhnaya promyshlennost' SSSR, 1917-1957 gg. Pod obshchey red. K.A.Veinova. Moskva, Goslesbumizdat, 1958. 147 p. (MIRA 12:3)

1. Nauchno-tekhnicheskoye obshchestvo bumazhnoy i derevoobrabatyvayushchey promyshlennosti. 2. Chlen Nauchno-tekhnicheskogo obshchestva bumazhnoy i derevoobrabatyvayushchey promyshlennosti (for all except Morozov, Bachurina). (Paper industry)

GORCHENKOV, S.G.

Fully develop the creative activity of the members of the Scientific and Technical Society. Bum. prom. 33 no.12:2-3 D '58.

(MIRA 11:12)

1. Zamestitel' predsedatelya TSentral'nogo pravleniya nauchno-tekhnicheskogo otдела bumazhnoy i derevoobrabatyvayushchey promyshlennosti.

(Paper industry)



GORCHENKOV, S.G.

Reports and elections of administrative bodies of Scientific and  
Technical Societies. Der.prom. 9 no.12:24 D '60. (MIRA 13:12)  
(Technical societies)

GORCHENKOV, S.G.

Toward a further expansion of the Scientific and Technological  
Society. Bum.prom. 35 no.12:26-27 D '60. (MIRA 13:12)

1. Zam.predsdatelya TSentral'nogo pravleniya Nauchno-tekhnicheskogo  
obshchestva bumazhnoy i derevoobrabatyvayushchey promyshlennosti.  
(Paper industry)

GORCHENKOV, S.G.

The most important team. NTO 3 no. 1:35-37 Ja '61.

(MIRA 14:2)

1. Zamestitel' predsedatelya Tsentral'nogo pravleniya Nauchno-  
tekhnicheskogo obshchestva bumazhnoy i derevoorbratyyvayushchey  
promyshlennosti.

(Woodworking industries) (Paper industries)

GORCHENKOV, S.

More paper for our country. MTO 3 no.12:15-17 D '61. (MIRA 15:1)

1. Zamestitel' predsedatelya Tsentral'nogo pravleniya nauchno-  
tekhnicheskogo obshchestva bumazhnoy i derevoobrabatyvayushchey  
promyshlennosti.

(Paper industry)

GORCHENKOV, S.G.

More attention should be given to the organizations of scientific  
and technical societies. Der. prom. 10 no.7:16 JI '61.

(MIRA 14:7)

(Woodworking industries) (Efficiency, Industrial)

GORCHENKOV, S.G.

Progress is the main task of the Scientific and Technical Society.  
Der.prom. 10 no.11:6 N '61. (MIRA 14:10)  
(Woodworking industries)

GORCHENKOV, S.G.

Fuller utilization of production resources. Bum.prom. 36 no.1:30  
Ja '61. (MIRA 14:3)

1. Zamestitel' predsedatelya Tsentral'nogo pravleniya nauchno-tekh-  
nicheskogo obshchestva.  
(Paper industry)

GORCHENKOV, S.G.

Expanding participation of masses in creative activities. Bum. prom.  
36 no.9:11-12 S '61. (MIRA 15:1)

(Paper industry)



GORCHENKOV, S.G.

Expedite the application of the recommendations of the Scientific and Technical Society. Gidroliz.i lesokhim.prom. 15 no.8:1-2 '62. (MIRA 15:12)

1. TSentral'noye pravleniye Nauchno-tehnicheskogo obshchestva bumazhnoy i derevoobrabatyvayushchey promyshlennosti.  
(Wood-using industries)

GORCHENKOV, S.G.

Use effectively the recommendations of the Scientific and  
Technological Society in industry. Der. prom. 12 no.1:15  
Ja '63. (MIRA 16:5)

1. TSentral'noye pravleniye Nauchno-tehnicheskogo obshchestva  
bumazhnoy i derevoobrabatyvayushchey promyshlennosti.  
(Wood-using industries)

GORCHENKOV, S.G.;

Improve the work of the Scientific and Technical Society by all possible means. Gidroliz. i lesokhim. prom. 16 no.7:1-2 '63.

(MIRA 16:11)

1. Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva bumazhnoy i derevoobrabatyvayushchey promyshlennosti.

GORCHENKOV, S.G.

Make better use of the recommendations of the Scientific and  
Technical Society. Bum.prom. 38 no.1:9 Ja '63. (MIRA 16:2)  
(Woodpulp industry—Research)

GORCHENKOV, S.G.

The organization of contests is an important part of the activities of the Scientific and Technical Society. Bum.prom. 38 no.9:17-18 S '63. (MIRA 16:11)

1. Zamestitel' predsedatelya Tsentral'nogo pravleniya Nauchno-tekhnicheskogo obshchestva bumazhnoy i derevoobrabatывayushchey promyshlennosti.

GORCHENKOV, S.G.

Tasks of the Scientific Technological Society during the seventh  
year of the seven-year plan. Der. prom. 14, no.2:1-2 F '65.  
(MIRA 18:6)

1. Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva  
bumazhnoy i derevobrabatывayushchey promyshlennosti.

GORCHEV, I.; RYBIN, I.

Analysis of production expenditures is an important tool for the mobilization of hidden potentialities in industry. Fin. SSSR 20: 75-85 Je '59. (MIRA 12:10)

(Costs, Industrial)

ALIKHASHKIN, A.; GORCHEV, I.; MAYOROV, Ye.

Highly efficient calculating machines in the service of  
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226r73

(for given  $m$  and  $n$ ). Author demonstrates a theorem concerning the boundedness of the orders of all elements of any periodic group with  $n$  classes of conjoint elements of a general const depending only on  $n$ . States that this theorem is similar to that of Landau for finite groups.

226r73

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 Adult male rats of 110 g. wt. were distributed in 3 groups. Group (a) served as a control, group (b) received for 200 days dully 0.20 g. vernix caseosa rubbed into the back, with a total of about 120,000 units folliculin, and group (c) received similarly daily 0.20 g. syntestrin, a prepn. contg. folliculin. Groups (a) and (b) increased in wt. to 250-280 g. and their internal genital organs were normal. Group (c) reached a wt. of 180 g., then their wt. diminished to 150-160 g., and their internal genital organs were atrophic owing to direct effects of folliculin. Since vernix caseosa also contained folliculin the behavior of group (b) may be due to the corpus luteum hormone of vernix caseosa inhibiting the folliculin effects. 18 references. I. P.

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Effect of treatment by folliculin and vernix caseosa on the uterus and ovary of the rat. László Lajos and János György (Tudományegyetemi Szülő- és Nőbeteg Klinika, Pécs, Hung.). *Orvosi Hetilap* 89, 254-6 (1948); cf. C.A. 44, 5446a. (1) Noncastrated female rats (87-92 g.) were given daily for 104-122 days 0.20 g. (1000 international units) folliculin. (2) Noncastrated female rats of 43-54 g. were treated daily for 105-210 days by rubbing 0.2 g. vernix caseosa into the hairless skin of the back. Group (1) showed inhibited increase of body wt., cachectic symptoms, and loss of hair, whereas group (2) and the untreated controls were normal. The musculature of the uterus in group (2) was hyperplastic and had a proliferous mucous membrane. The ovaries, however, showed no degeneration and this indicates that vernix caseosa contains a substance inhibiting folliculin. 15 references. István Fialy

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 (1948).—With albino rats castrated before 3 months of age  
 with body wts. of about 200 g. the rubbing of 0.2 g. vernix  
 caseosa (I) daily for 42 days into the hairless back skin caused  
 no change in growth, wt. increase, or behavior compared to  
 controls. Rats receiving 0.2 g. folliculin daily showed sig-  
 nificant wt. decreases, hair loss, and caexia. The uteri of  
 control rats were degenerated; uteri of rats treated with I had  
 a thickness 4 times that of untreated ones. The uteri of rats  
 receiving folliculin had thin walls and contained a hyaline-  
 mucous liquid in its lumen. All the symptoms observed in  
 the group receiving I may be explained by folliculin effects.  
 The striking differences between the groups treated with I  
 and with folliculin may be explained by the presence of an  
 unknown substance in I which neutralizes the pathologic  
 action of the folliculin in I. 15 references. I. Finally